

Notice of Allowability

Application No.

10/618,125

Examiner

Michael J. Feely

Applicant(s)

SMITH, JAMES D.B.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE and amendment filed 9/22/05.
2. ☒ The allowed claim(s) is/are 1-22.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the claims:

In claim 1, line 1: insert --with-- after "LCT-epoxy polymers".

In claim 19, line 1: replace "The method of claim 18" with --The homogeneous LCT-epoxy polymers with HTC-oligomers of claim 18--.

In claim 20, line 1: replace "The method of claim 18" with --The homogeneous LCT-epoxy polymers with HTC-oligomers of claim 18--.

In claim 21, line 1: replace "The method of claim 18" with --The homogeneous LCT-epoxy polymers with HTC-oligomers of claim 18--.

In claim 22, line 1: replace "The method of claim 18" with --The homogeneous LCT-epoxy polymers with HTC-oligomers of claim 18--.

**Note regarding the amendments:* the change to claim 1 repairs a minor informality. The change to claims 19-22 properly aligns these claims with independent claim 18, which is drawn to homogeneous LCT-epoxy polymers with HTC-oligomers – *not a method*.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on September 22, 2005 has been entered.

Claim Rejections - 35 USC § 103

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

4. The rejection of claims 1, 2, 4-10, 12, 13, and 18-22 under 35 U.S.C. 103(a) as being unpatentable over Campbell et al. (Pub. No. 2004/0102529) has been withdrawn after further consideration of the currently amended claims.

5. The rejection of claims 14-17 under 35 U.S.C. 103(a) as being unpatentable over Campbell et al. (Pub. No. 2004/0102529) in view of Smith et al. (US Pat. No. 6,384,152) has been withdrawn after further consideration of the currently amended claims.

Allowable Subject Matter

6. Claims 1-22 are allowed.

7. The following is an examiner's statement of reasons for allowance:

In taking a further look at the prior art of record, there is no clear evidence that the composition of Campbell et al. is *homogeneous*. In fact, the "transparent" nature of their pre-

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dispersion, described in terms of “haze percentage” (*see paragraph 0028*), would seem to suggest that it is not *homogeneous* because haze is detected. In addition, there is no indication that *an essentially complete co-reactivity of said HTC-oligomer product with said at least one LCT-epoxy resin* is achieved. This *essentially complete co-reactivity* appears to be essential to the formation of the *homogeneous* composition. This coupled with: (a) the recitation of only one LCT-epoxy resin (*see paragraphs 0013-0024: biphenyl*) and (b) the silence regarding the claimed reaction ratio, tends to suggest that the instant invention is not an obvious variation of the prior art. Looking at the prior art as whole, there does not appear to be sufficient evidence to obviously or inherently satisfy the limitations of the instantly claimed composition, whereby the homogeneous nature of the instantly claimed composition enables the dielectric strength of at least 1.2 kV/mil.

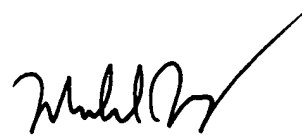
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Communication

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael J. Feely whose telephone number is 571-272-1086. The examiner can normally be reached on M-F 8:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Randy Gulakowski can be reached on 571-272-1302. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Michael J. Feely
Primary Examiner
Art Unit 1712

November 14, 2005

MICHAEL FEELY
PRIMARY EXAMINER